From: "Oakley, Dennis" < Dennis.Oakley@PacifiCorp.com>

To: "DEQ- Mike Herkimer" <mherkimer@utah.gov>, "Edith Van Vleet"

<evanvleet@utah.gov>, "Jeffrey Studenka" <jstudenka@utah.gov>, "Lonnie Shull" <lshull@utah.gov>,

"Mike George" <mmgeorge@utah.gov> **Date:** 3/2/2005 9:38:25 AM

**Subject:** DMR Reports for January 2005

<<Jan05cov.pdf>> <<JanuaryDMR05.pdf>>

Dennis Oakley Senior Environmental Engineer

Energy West Mining Company 15 North Main Street P.O. Box 310 Huntington, Utah 84528

Phone: 435.687.4825 Cell: 435.650.9233 Fax: 435.687.2695

e-mail: dennis.oakley@pacificorp.com

The smallest good deed is better than the grandest good intention.

- Duguet -

**CC:** "Charles Semborski" <chuck.semborski@pacificorp.com>, "Dennis Oakley" <dennis.oakley@pacificorp.com>, "Douglas Johnson" <Douglas.Johnson@PacifiCorp.com>, "Jim Smith" <jimdsmith@utah.gov>, "Kenneth Fleck" <ken.fleck@pacificorp.com>, "Pam Grubaugh-Littig" <pamgrubaughlittig@utah.gov>



February 28, 2005

Department of Environmental Quality Division of Water Quality 288 North 1460 West P.O. Box 144870 Salt Lake City, UT 84114 -4870

## Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des -Bee-Dove, Trail Mou ntain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of December, 2004. There was one exceedance to report for this month. Because of the excessive snow fall that occurred this month, road salt was used to make the access road to the mine safe. The drainage from this road drains into the sedimentation pond. The maximum TDS level was 4.05 tons/day. Limits only allow 1 ton/day.

To alleviate the salt content, the sedimentation pond discharge was shut down for a short time. In trying to dilute the high salt content, the pond reached it's capacity and had to be discharged. The pond was only discharged during the time the mine discharged from underground sources. Mr. Mike Herkimer was informed of the problem prior to disc harging from pond and agreed on this method.

If you have any questions concerning this report, please feel free to call either Dennis Oakley at (435) 687-4825 or Chuck Semborski at (435) 687-4720.

Sincerely,

Douglas E. Johnson Manager of Administration and Technical Services

Encl

Cc: Division of Oil, Gas and Mining

Coal Regulatory Program
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114 -5801

Chuck Semborski, with enclosures
Dennis Oakley
Ken Fleck
"

J:\Environmental\UPDES\COVER\2005\Jan05.doc
Huntington Office Deer Creek Mine
(801) 687-9821 (801) 381-2317
Fax (801) 687-2695 Fax (801) 381-2285
Purchasing Fax (801) 687-9092

## Discharge Monitoring Report Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310 Huntington, Utah 84528 Sediment pond outfall into Cottonwood Ck. No Discharge UT0023728 01/01/2005 01/31/2005 001A Trail Mountain Mine Discharge Number $\mathbf{X}_{-}$ Quantity or Loading erage Maximum Units Quantity or Concentration Parameter Frequency of Average Minimum Average Maximum Units Analysis Sample Type \*\*\*\*\*\* 1/30 Measrd 00056 100 mgd Estimated Effluent Gross Val 1/30 Grab 00400 100 \*\*\*\* Effluent Gross Value ample 1/30 Grab Solids, Total Suspended 00530 1.0.0 Permit \*\*\*\*\*\* \*\*\*\*\*\* Effluent Gross Valu \*\*\*\* day avg 1/30 Grab Settleable Solids 00545 R 0 0 \*\*\*\*\*\* (25) mL/L \*\*\*\*\* \*\*\*\*\*\* Grab Effluent Gross Value Requirement Sample \*\*\*\*\* 1/30 Grah ron, Total (as Fe) 01045 100 (19) Grab Effluent Gross Valu Requirement \*\*\*\*\*\* 0 Oil and Grease 3582 100 (19) See Permit Grab Effluent Gross Value Requirement \*\*\*\*\* 1/30 Solids, Total Dissolved 0295 100 (26) lbs/day (19) mg/L Grab Effluent Gross Value Requirement Daily max Daily max \*\*\*\*\* (94) \*\*\*\*\*\* \*\*\*\*\*\* Visual Dil and Grease, Visual 84066 100 yes =1 no=0 Permit Requirement Effluent Gross Value certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals memodiately repossible for obtaining the information is between the abmitted information is true, accurate and complete. I am aware that there significant penalties or submitting that information including the possibility of the and imprisonment. See 1818Cp paragraph 1319 ( Penalties under these tattates include fines up to \$10,000 and or maximum imprisonment of between 6 workload by years ) 02/28/2005 Name/Title Principal Executive Officer Date: Dee Jense - President InterWest 435 687-9821 Mining Company Signature of Principal Executive Officer or Authorized Agent Area Code Number Typed or Printed Comments and explanation of any violations During storm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed

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			Di	scharg	e Monitor	ing Repor	t				
** *	gy West Mining Co	mpany				0 1					
	Huntington, Utah 84528 UT0023728			]	01/01/2005 Monitori	3	Dischar	002 ge Number	No Discharge		
Parameter		Quan	tity or Loading		Qı	antity or Co	ncentration			Posterior	
1 ai ainetei		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	*****	****		2/30	Measurd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	*****	****		twice/month	Estimated
pН	Sample Measurement	******	******	****		******				2/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	******					2/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	25 30 day avg	70 daily max	(19) mg/L		twice/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******	******				**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Pai	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	art				2/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******		1 1	561		1.4 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease	Sample Measurement	*****	NO	****	******	******				**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	*****	******	****	******	******				2/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	1200 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	******	*****	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Ex	ecutive Officer		flaw that I have personally nerein; and based on my inq			Date:	02/28/20	05		Telephone	
Dee Jense - Preside		immediately responsibl information is true, accu for submitting false info	e for obtaining the informa trate and complete. I am av rmation, including the pos	tion,I believe th sare that there si ibility of fine ar	ne submitted gnificant penalties nd imprisonment.				435	687-	-9821
Mining Company			001 and 33 USC paragraph : to \$10,000 and or maximum		nalties under these l'hetween 6		rincipal Executive Offic	cer or	Area Code	Nu	mber
Typed or Prin						<u> </u>			·	l	
Comments and explanation Sample for oil and grease			ved								

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N P :50 P	we.:		D	ischar	ge Monito	ring Repo	rt				
Name: PacifiCorp, Energ Address: P.O. Box 310 Huntington, Utal Facility: Deer Creek Mine		mpany	UT0023604 Permit Number	]	01/01/2005 Monitor	01/31/2005 ing Period	3	Dischar	001 ge Number		No Discharge
Parameter		Quan	tity or Loading	Units	Q	uantity or Con	ncentration Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement	0.12	0.13		******	******	******	****	0	2/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
pН	Sample Measurement	******	******	****	7.43	******	8.07		0	2/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended 00530 1 0 0 Effluent Gross Value	Sample Measurement	******	******	****	<9	13	13		0	2/30	Grab
	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	***	******	*****	N/A		***	**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	***	******	0.225	0.25		0	2/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	*****	******	****	******	*****	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Fotal Dissolved 180 °C	Sample Measurement	******	8092.3		******	7696.8	******		1	2/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	Report 30 day avg	Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	*****	******	****	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	*****	******	****		Weekly	Visual
Name/Title Principal Exe	cutive Officer		flawthat I have personally nerein; and based on mying			Date:	02/28/20	05		Telephone	
Dee Jense - Presider Mining Com		information is true, according for submitting false info	e for obtaining the informa trate and complete. I am aw trmation, including the poss	are that there s ibility of fine a	gnificant penalties nd imprisonment.				435	687-9	9821
Typed or Prin	. ,		001 and 33 USC paragraph 1 to \$10,000 and or maximum		nalties under these f between 6		Principal Executive Offic Authorized Agent	er or	Area Code	Num	iber
Comments and explanation Sample oil and grease only	of any violations		is another reason to b	pelieve oil is	s present. Fill in N/A	A when a test is not	performed.		!		

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			D	Dischar	ge Monito	ring Repo	rt				
Name: PacifiCorp, Energ Address: P.O. Box 310	y West Mining Co	mpany						Deer Creek	Mine Discharge		
Huntington, Utal	ı 84528		UT0023604	1	01/01/2005	01/31/2005	<b>_</b>		002	Ì	No Discharge
Facility: Deer Creek Mine			Permit Number	_	Monitori	ing Period		Discha	rge Number		
Parameter		Quan	tity or Loading	2	Qı	uantity or Co	ncentration				
1 ai ailietei		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement	0.12	0.23		*****	******	******	****	0	2/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
pН	Sample Measurement	******	*****	****	7.25	*****	7.51		0	2/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	<5	<5	<5		0	2/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******	******	N/A		***	****	****
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	*****	****	******	0.6	0.63		0	2/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	******	*****	****	******	*****	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	******	******	****	******	N/A	427		0	2/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	800 Qrtr avg	1000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****	0	(94)	******	*****	*****	****	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Exe	cutive Officer		of law that I have personally herein; and based on my inc			Date:	02/28/20	005		Telephone	
Dee Jense - Preside		immediately responsib information is true, acc for submitting false info	le for obtaining the informa urate and complete. I am av ormation, including the pos	ation,I believe th ware that there si sibility of fine an	ne submitted ignificant penalties nd imprisonment.				435	687-9	9821
Mining Company  Typed or Printed			001 and 33 USC paragraph to \$10,000 and or maximum		nalties under these f between 6		Principal Executive Offi Authorized Agent	icer or	Area Code	Nun	nber
Comments and explanation	n of any violations								•	•	
Sample oil and grease only	when a hseen is	observed, or there	is another reason to	believe oil is	s present. Fill in N/A	A when a test is not	performed.				

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			Di	ischarg	e Monitor	ing Report	t				
Name: PacifiCorp, Energ Address: P.O. Box 310 Huntington, Utal	-	mpany	UT0022896	ī	01/01/2005	01/31/2005	Minor		001	Ī	No Discharge
Facility: Cottonwood/Wi	lberg Mine		Permit Number	]	Monitor	ing Period		Dischar	ge Number	j	
Parameter		Quan	tity or Loading	g	Qı	Quantity or Concentration				Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate 00056 1 0 0	Sample Measurement	0.016	0.021		******	******	******	****	0	2/30	Measured
Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	******	****		once/month	Measured
рН	Sample Measurement	******	******	****	6.2	******	7.61		0	2/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended 00530 1 0 0 Effluent Gross Value	Sample Measurement	*****	******	****	<5	<5	<5		0	2/30	Grab
	Permit Requirement	******	******	****	25 30 day avg	35 7 day max	70 daily max	(19) mg/L		once/month	Grab
Iron, Total (as Fe) 01045 10 0 Effluent Gross Value	Sample Measurement	*****	******	****	******	******	< 0.05		0	2/30	Grab
	Permit Requirement	*****	******	****	******	******	1.8 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	125.8		******	******	******	****	0	2/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	******	****		once/month	Grab
Oil and Grease	Sample Measurement	*****	******	****	******	******	N/A		***	**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Oil and Grease, Visual	Sample Measurement	*****	0	(94)	******	******	*****	****	0	4/30	Visual
84066 0 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Exe	cutive Officer		of law that I have personally			Date:	02/28/20	05		Telephone	
Dee Jense - President InterWest Mining Company		immediately responsib information is true, acc for submitting false info	herein; and based on my inc le for obtaining the informa urate and complete. I am a ormation, including the pos	ntion,I believe th ware that there si sibility of fine ar	ne submitted gnificant penalties nd imprisonment.				435	687-	-9821
Typed or Prin			001 and 33 USC paragraph to \$10,000 and or maximum		nalties under these f between 6		rincipal Executive Offi Authorized Agent	cer or	Area Code Number		mber
Comments and explanation		;									
If oil and grease sheen is ol	oserved, a sample	must be taken and	this must be less that	an 10 mg/L.							

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			Di	scharg	e Monitor	ing Repor	rt					
	gy West Mining C	ompany					Minor					
Address: P.O. Box 310 Huntington, Utah	9.1579		UT0022896	7	01/01/2005	01/31/2005	7		003	1	No Discharge	
Facility: Cottonwood/W			Permit Number		Monitorir		-		ge Number			
						8	<u>-</u> 1		<del>,, , , , , , , , , , , , , , , , , , ,</del>	_	LX.J	
Parameter		Quant	tity or Loadin	g	Qı	antity or Co	ncentration			Frequency of		
T HT HITTERE		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type	
Flow Rate	Sample Measurement				*****	*****	******	****		1/30	Measured	
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	******	****		once/month	Measured	
pН	Sample Measurement	*****	*****	****		*****				1/30	Grab	
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab	
Solids, Total Suspended	Sample Measurement	*****	*****	****						1/30	Grab	
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day ax		(19) mg/L		once/month	Grab	
Settleable Solids	Sample Measurement	*****	*****	****	Sie	cha	190			1/30	Grab	
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	****	<b>O</b> *	יכונו	******	0.5 Daily	(25) mL/L		once/month	Grab	
Iron, Total (as Fe)	Sample Measurement	*****	****	<b>4</b>	*****					1/30	Grab	
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab	
Solids, Total Dissolved	Sample Measurement	*****			*****	*****	******	****		1/30	Grab	
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab	
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual	
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	******	*****	******	****		Weekly	Visual	
Name/Title Principal Exe	cutive Officer		of law that I have personal merein; and based on my in			Date:	02/28/2	005		Telephone	1/30 Measured  1/30 Grab  1/30 Weskly Visual  Telephone  687-9821  Number	
Dee Jense - Preside		immediately responsibl information is true, acc	e for obtaining the inform urate and complete. I am ormation, including the po	ation, I believe aware that ther	the submitted e significant penalties				435	687	-9821	
18 USC paragraph include fines up to		include fines up to \$10,	and 33 USC paragraph 1 000 and or maximum imp				rincipal Executive Of	ficer or	Area Code	Nu	mber	
Typed or Prin		and 5 years .)					Agent Agent					
Comments and explanat If oil and grease sheen is	-		n and this must b	e less than	10 mg/L.							
Conied from EDA Form 2220			Parinad 1 02							Page 2 of 6		

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 Revised 1-02
 Page 3 of 6

Name   Pacificorp, Energy West Mining Company   Minor	No Discharge X Sample Type Measured	
Parameter	Sample Type	
Quantity or Loading   Quantity or Concentration   Average   Maximum   Units   Minimum   Average   Maximum   Units   Minimum   Average   Maximum   Units   No. Ex.	Sample Type	
Average		
Average   Average   Maximum   Units   Minimum   Average   Maximum   Units   No. Ex.   Analysis		
Flow Rate   Measurement   Me	Measured	
Effluent Gross Value         Requirement         30 day avg         Daily max         (03) mgd         ******         *****         *****         once/month           pH         Measurement         ******         *****	Measured	
pH Measurement ****** **** 9.0 (12)		
	Grab	
Solids, Total Suspended Measurement ****** ****		
00530 1 0 0 Pemit ******	Grab	
Iron, Total (as Fe) Measurement ************************************		
01045 10 0 Pemit Report 1.0 (19) Conce/month 10 day avg Daily max mg/L conce/month	Grab	
Sample ******* ******* ****** 1/30  Solids, Total Dissolved Measurement ************************************	Grab	
70295 1 0 0 Permit 2000 (26) Seffluent Gross Value Requirement 2000 (26) Ibs/day ******* ****************************	Grab	
Sample Sample (94) ****** ****** 4/30 Sample Oil and Grease, Visual Measurement ****** (94) ******* ****** ****** 4/30	Visual	
Effluent Gross Value Requirement inst max no-0 Weekly	Visual	
Sample Measurement		
Pemit Requirement		
Sample Measurement Permit		
Pennis Regirement		
Name/Title Principal Executive Officer lectify under penalty of law that I have personally examined and am familiar with the Date: 02/28/2005 Telephone		
Dee Jense - President InterWest Mining Company  Information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information (Interwee the abmitted information is true, accurate and complete I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 (18 C) penagraph (19 I) (18 C) penagraph (19 II) (18 C) penagraph (19 II	7-9821	
Signature of Principal Executive Officer or	Number	
Comments and explanation of any violations:		
If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.		

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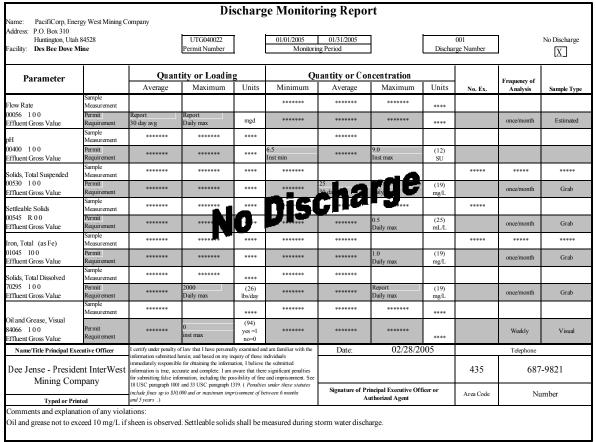
Revised 1-02

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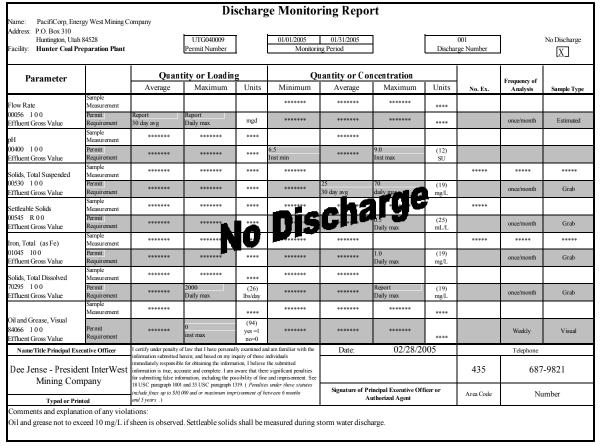
			Dis	charg	e Monitor	ing Repor	·t				
	gy West Mining C	ompany					Minor				
	Huntington, Utah 84528 UT0022896					01/31/2005 oring Period			005 No Discharge sarge Number X		
Parameter		Quant	ity or Loadin	g	Qı	antity or Con	centration			Frequency of	
T WI WIIICCCI		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate 00056 100	Sample Measurement Permit	D	D		******	*****	*****	****			
Effluent Gross Value	Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	*****	******	****		once/month	Measured
рН	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended 00530 1 0 0	Sample Measurement	*****	*****	****	*****		Q				
Effluent Gross Value	Permit Requirement	*****	*****		<u>- ~1</u> 1	aly	7 day max	(19) mg/L		once/month	Grab
Settleable Solids 00545 R 0 0	Sample Measurement Permit	*****	Ma_	U:	יישכ	******	NR 0.5 Daily				
Effluent Gross Value	Requirement	*****	TO .	****	******	******	max Daily	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******						
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			*****	*****	*****	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
Oil and Grease, Visual 84066 100	Sample Measurement Permit	*****		(94)	*****	*****	******	****			
Effluent Gross Value	Requirement	*****	0 inst max	yes =1 no=0	******	*****	*****	****		Weekly	Visual
Name/Tital Principal Exe	ecutive Officer		f law that I have persona erein; and based on my in			Date:	02/28/20	05		Telephone	
Dee Jense - Preside Mining Con		immediately responsible information is true, acc for submitting false info	e for obtaining the inform urate and complete. I am ormation, including the po	ation, I believe aware that then ssibility of fine	the submitted e significant penalties and imprisonment. See				435	687	-9821
Typed or Printed			and 33 USC paragraph 1 000 and or maximum imp				incipal Executive Offi uthorized Agent	cer or	Area Code	Nu	mber
Comments and explana						1			1	1	
If oil and grease sheen is	-		n and this must b	e less than	10 mg/L.						
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			Dis	scharg	e Monitor	ing Repor	rt						
Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310 Huntington, Utah 84528 Cottonwood/Wilberg Mine			UT0022896 Permit Number		01/01/2005 Monitorin	01/31/2005 g Period	}	S	ombination 002 UM A ge Number	003, & 005	No Discharge		
Parameter		Quan	tity or Loadin	g	Qu	antity or Con	centration			Frequency of			
1 4141110001		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type		
Solids, Total Dissolved	Sample Measurement				*****	******	******						
70295 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	2000 Daily max	(26) lbs/day	*****	*****	******	****		once/month	Grab		
Efficie Gross value	Sample Measurement	, ,											
	Permit Requirement					0 ام.							
	Sample Measurement		N		. "Ah	ary							
	Permit Requirement				150"		6						
	Sample Measurement		N	0 -		e Ol	<b>.</b>						
	Permit Requirement		•		^∩3•	<b>D</b>							
	Sample Measurement Permit		-	Th.	י־טע								
	Requirement Sample		-14										
	Measurement												
	Permit Requirement												
	Sample Measurement												
	Permit Requirement												
Name/Title Principal Ex	ecutive Officer		of law that I have personal therein; and based on my in			Date:	02/28/20	005		Telephone	Telephone 687-9821		
Dee Jense - President InterWest Mining Company		immediately responsi information is true, a for submitting false in	ble for obtaining the inform occurate and complete. I am nformation, including the po	ation, I believe t aware that there assibility of fine	the submitted e significant penalties and imprisonment. See				435	687	-9821		
			01 and 33 USC paragraph 1 0,000 and or maximum imp				incipal Executive Off uthorized Agent	icer or	Area Code	Nu	mber		
Typed or Pri Comments and explan									1	<u> </u>			
Total discharge of TDS			shall not exceed 2	,000 lbs/da	y during draw do	vn.							

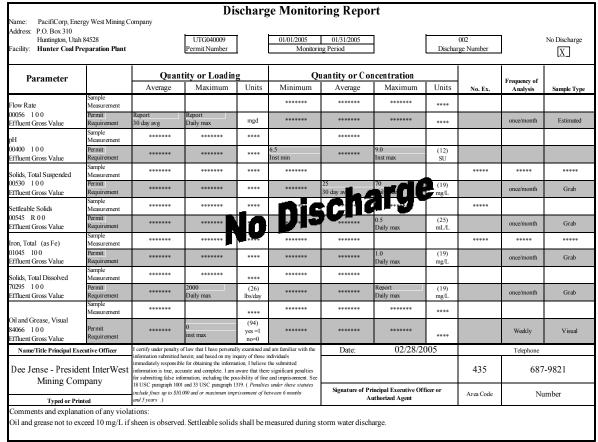
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